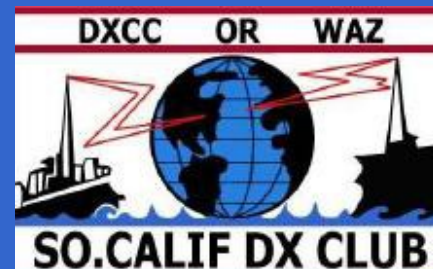


# SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

[www.dx-code.org](http://www.dx-code.org)

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with recognition of the author and the club. Reuse of copy-righted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

[n6rv@scdxc.org](mailto:n6rv@scdxc.org)

Club meetings are held on the second Thursday of the month at 7:30 PM except April, June and December.

Please check the club web site for events and details at:

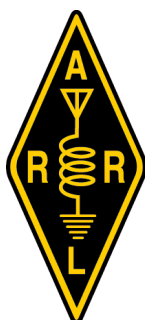
<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

## *In our November 2017 issue...*

Announcements . . . . .	2
From the Desk of the President: Doug Dowds, W6HB. . . . .	5
2017 SCDXC Board of Directors . . . . .	5
November Calendar . . . . .	5
VP Notes . . . . .	6
Rumors on the Band . . . . .	7
DX Standings . . . . .	10
2017 Get Schroeder Standings . . . . .	11
Annobon Island. . . . .	12
The Marconi Museum, NK6A. . . . .	14
Tid Bits . . . . .	18
DX Resources . . . . .	20
Visit (and support) our Advertisers . . . . .	21



*If you need him get in there and work him"*





## 2017 Annual SCDXC Christmas Party

**Date: - Sunday, December 10, 2017**

**Time: - 11:00 AM to 3:00 PM**

**Ports O'Call Restaurant**

**1200 Nagoya Way**

**San Pedro, CA 90731**

**(310) 833-3553**

### **Directions:**

110 South to N Harbor Blvd Exit

*(Off ramp goes to Vincent Thomas Bridge follow signs to off-ramp merge right before bridge)*

Right on N Harbor Blvd

Harbor Blvd to 22nd St make a left

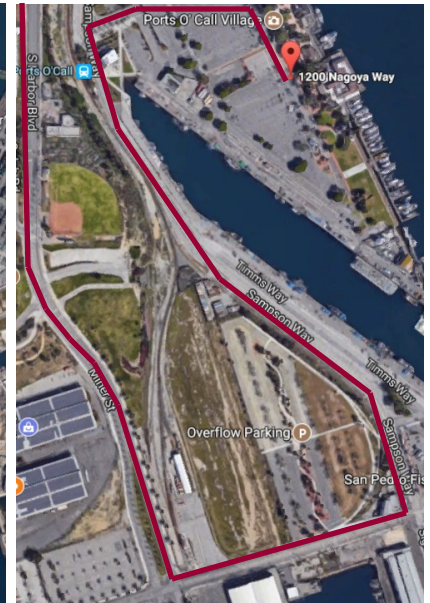
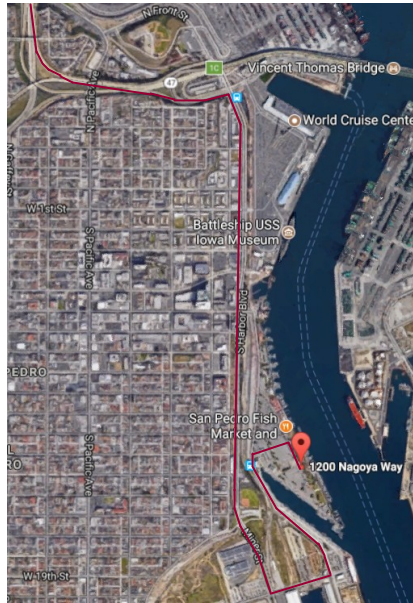
Left at the next stop sign (Sampson Way)

Past the Commercial Fishing Fleet

Turn Right into the parking lot

Destination on the water

Park anywhere in front of restaurant



This year's Holiday Party will be on Sunday afternoon, December 10, 2017 at Ports O'Call Restaurant, in San Pedro. The Party will begin at 11:00am to 3:00pm.

We are looking to get the largest attendance ever so be sure to get your reservations early. You go for Brunch, but you can have Breakfast, Lunch or Dinner or as in the case of some all three.

When we say brunch, we mean BRUNCH. so we promise you will not leave hungry. Ports O'Call Restaurant is a fantastic venue on the water at Ports O'Call village in San Pedro. Please plan to join the club and help us finish of another fantastic year for the SCDXC!!!

**Register on line at:**

<http://www.scdxc.org/holiday.html>



**Seasons Greetings !!!**

**Merry Christmas!!!**

**Happy Hanukah!!!**





# ANNOUNCEMENTS

## Visalia International DX Convention 2018

The first convention meeting has passed. The next meeting will November 18<sup>th</sup> 10:00 AM at Carl And Cathy Gardenias' house.

**These are major positions we still need to fill:**

Prize Chair (Works with Vendor Chair)

Registration Online (Assists Convention Treasurer)

Audio Visual (Works with Program Chair & Presenters)

Special Event Station

---

## Visalia International DX Convention 2018 Logo Contest

The logo contest is open to everyone and the winner will get a free registration to the convention.

The only criteria we require is that the patch be no larger than 4" wide and 3" high, smaller is okay as is any shape just keep the overall dimensions smaller than 4" x 3". Also keep the Colors to three plus the background Color, the patch should have the year "2018", "International DX Convention", "Visalia, CA", "SCDXC" and "NCDXC" on it. Other than that the design elements are up to you.

The deadline for email submission is November 16<sup>th</sup> and the winner will be voted on by voting members of the SCDXC at the December Holiday Party. Submit your entry in .jpg or .gif formats by e-mail to [logo@scdxc.org](mailto:logo@scdxc.org) or in person at the December Holiday Party.

All entries are the property of the Southern California DX Club for their exclusive use. Prize consists of one registration and does not include transportation, lodging etc. SCDXC reserves the right to modify the winning entry to accommodate the embroidery process.

# ANNOUNCEMENTS

## Holiday Party Prizes

At the October 2017 club meeting the following question was presented.

What would you rather have at the Holiday Party?

1. One or two major prizes.
2. Several small to medium prizes distributing the winnings over several attendees.

The membership voted for the earlier, one or two major prizes.

At the October 21<sup>st</sup> board meeting the issue was discussed. The decision was made to increase the prize budget by \$500, offer two major prizes and a \$500 pool of lesser items from THE DX STORE. There may be other donated prizes as well.

**1<sup>st</sup> Prize:** \$1000 Gift Certificate from HRO ANAHEIM.

**2<sup>nd</sup> Prize:** \$500 Gift Certificate from HRO ANAHEIM.

**Lesser Prizes:** \$500 in Amateur Radio items from the "THE DX STORE"

Hopefully this will generate some excitement!

A few lucky hams will be going home with some great prizes!

**Disclaimer:**

*SCDXC is registered, with the Attorney General of the State of California, to conduct raffles as prescribed by California Penal Code 320.5. Furthermore, SCDXC is not a nonprofit charity, rather SCDXC is a state (23701(g)), and federally (501(c)7), registered nonprofit (social / recreational club). SCDXC cannot accept donations neither can SCDXC accept and distribute donations to organizations other than raffle proceeds to a California State registered charity (23701(d)). Therefore, at least 90 percent of the gross receipts generated from the sale of raffle tickets at any club function will be donated to a charitable nonprofit organization, qualified by, and registered with the Attorney General of the State of California. In no event shall any of the raffle proceeds be used to fund any beneficial, charitable, or other purpose outside of California. (California PC 320.5)*

**2017  
Board of Directors**

President

Doug Dowds W6HB

Vice President

Mel Hughes K6SY

Treasurer

Jerry Lewine K6QU

Secretary

Kris Jacob KC6TOD

Membership Chair

Linda Souder W6QE

Director

Barry Fitchew N6VOH

Director

George Jacob N6VNI

Director

Jerry Robinson K6AV

**APPOINTEES**

Repeater Chair

Chip Angle N6CA

Newsletter Editor

Bill Kendrick N6RV

Webmaster

Jim Shryne N6DHZ

## From the Desk of the President

### Doug Dowds, W6HB

Many thanks to Skip, KJ6Y, for handling the Anchors Aweigh sales last month and to those who contributed their wares. It was great to see new visitors and hopefully new members as a follow up to the Hamcon efforts. Welcome and hurry back!

The proposed changes to the constitution and bylaws were approved unanimously and should be on the Web site. Even better news is that we now have a full slate of officers to recommend to the members at the November 9 meeting. Please mark your calendar and plan to be there to vote. No -- this is not Chicago and you may not vote early or often!

Here's looking forward to Bill - N6RV, Mike - WB6DJI, and John - N6QQ to enlighten us on DXing with WSJT-x with emphasis on JT-65 and the "new" FT8 . Come learn more about modes that can get through better than phone or CW during the worsening solar conditions. Years ago I could never even fathom communicating "below the noise floor." Let's all learn how it's done.

**73 - Doug - W6HB**



## November Calendar

**November 9** SCDXC General Meeting (Elections)  
 November 11 WAE DX Contest RTTY  
 November 11 OK / OM DX Contest CW  
 November 11 JIDX Contest Phone  
 November 18 LZ DX Contest  
**November 25** CQWW DX Contest CW

For more contest Info see: <http://www.hornucopia.com/contestcal/contestcal.html>

## VP Notes

### Mel Hughes, K6SY

Last Saturday evening was very disappointing! However, Sunday morning I received a call from my cousin, a big USC football fan and retired Methodist Minister who graduated from USC back in the 50s when the Seminary was still on the USC campus. He assured me that God is really a Methodist and only lets Notre Dame win occasionally so they won't lose the faith. He may be right; I was able to scalp our tickets to a Notre Dame fan for way more than I paid for them. Fight ON!

I've made a lot of progress with the remote operation my Flex 6500 via the internet. Not only can I operate my station from my office, I can operation using my laptop from anywhere I have internet access. Carl, WU6D, and I have swapped login information so I can operate his station and he can operate mine. I have the better end of that deal because his location has a lot less noise and bigger antennas, though I have a better shot to the pacific. Anyway the exercise has really improved our understanding of a number of fine points about the FLEX that we both had missed in normal operation. And Doris says I can try it from the Galapagos Islands this Christmas if I can find free internet access. There is supposed to be some internet access aboard the Cruise ship that will be our hotel and source of transportation between Islands.

Our November program will feature two of our most active DXers, Bill, N6RV and John, N6QQ with help from Mike, WB6DJI, providing a live demo. The program will focus on the newest digital mode, FT8. FT8 is really a hot topic on all the reflectors. It's the old AM vs. SSB and code vs. no code debates resurrected as Digital vs. RTTY vs. CW. Bill and John have put a lot of time and effort in to this program. Everyone should come away with a good understanding of how it all works. I'm really looking forward to it.

The November meeting is also election night. With the Board unable to find people willing to fill the VP and Secretary spots required by the State of California we changed things around a little bit or a lot depending on your point of view. After lots of discussion, gnashing of teeth, and arm twisting at Saturday's Board meeting we arrived at a slate of candidates as follows:

#### Officers:

<b>President:</b>	Mel - K6SY
<b>Vice President:</b>	Kris - KC6TOD
<b>Treasurer:</b>	Jerry - K6QU (and Membership)
<b>Secretary:</b>	Clay - AB9A

#### Directors:

Jerry - K6AV  
Barry - N6VOH  
Doug - W6HB (Past President)

There will also be nominations from the floor before the balloting so there is still plenty of time for someone to step up and run for President.

CQWW SSB is this weekend so see you on the bands,

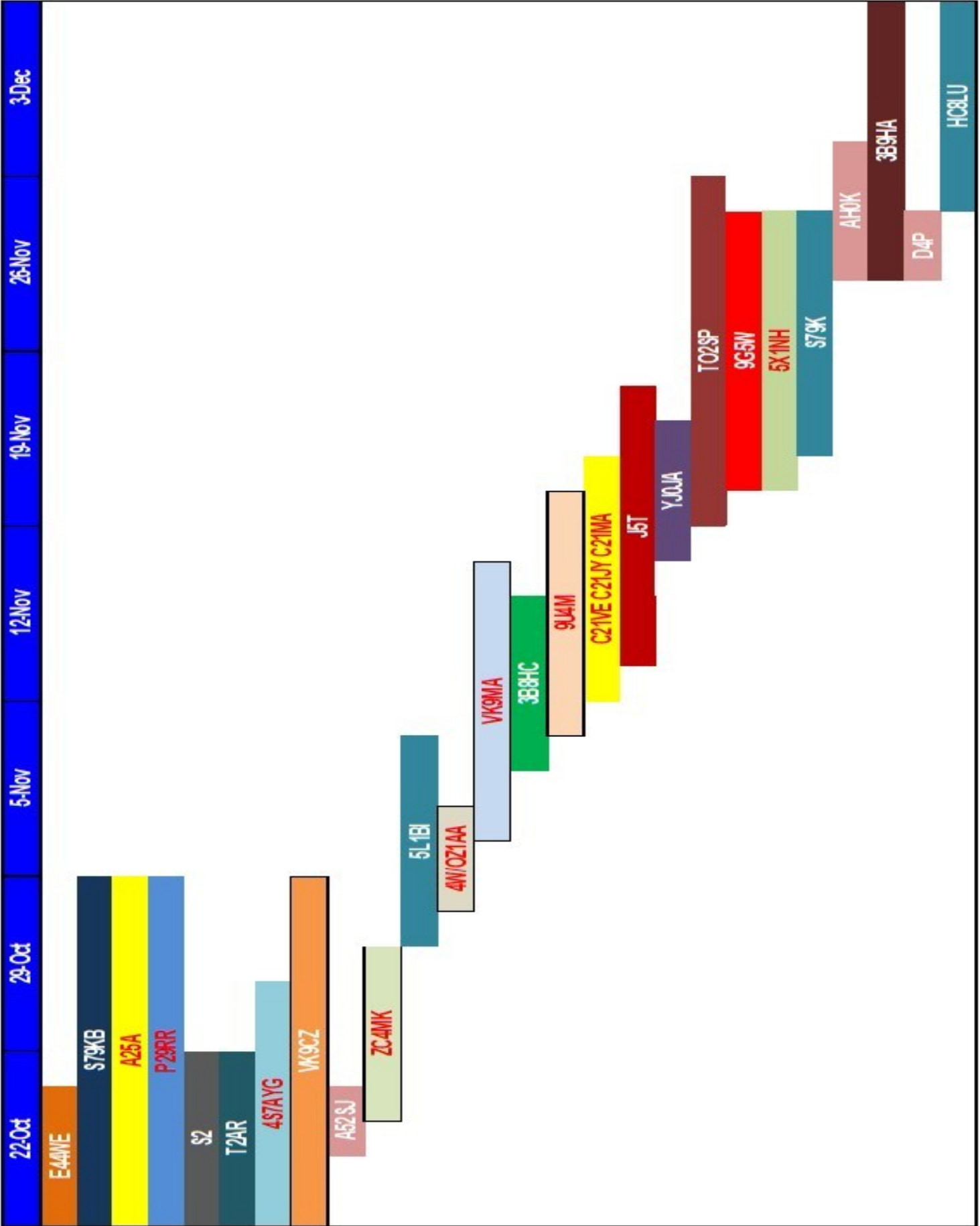
73,  
De Mel - K6SY

## Rumors on the Band

Who says there is no DX on the bands? This month is full of DXpeditions. It seems all the DXers who live in cold regions are heading for the warm tropics! Remember that the CQWW CW contest, right after Thanksgiving, pulls in a lot of DX before and after!

If you are in the running for Get Schroeder this is the big month to play catch up and there is a lot to catch!

QTH	Call	Start Date	End Date	Information
Palestine	E44WE	18-Oct	29-Oct	SP9FIH 30 15 12 10 SSB PSK63 RTTY
Seychelles	S79KB	20-Oct	1-Nov	DL2SBY 80-10m SSB CW RTTY
Botswana	A25A	20-Oct	5-Nov	NJ0F 160-10m SSB
Papua New Guinea	P29RR	20-Oct	6-Nov	ZL1BQD FT8 CW SSB
Bangladesh	S2	21-Oct	25-Oct	G3KHZ SM6CVX DL6KVA G4EDG S21ED S21TV 40-15m CW SSB
Tuvalu	T2AR	21-Oct	28-Oct	3D2AG 160-6m CW SSB RTTY FT8
Sri Lanka	4S7AYG	22-Oct	31-Oct	G3KHZ SM6CVX DL6KVA G4EDG S21ED S21TV 40-15 CW SSB
Cocos Keeling	VK9CZ	22-Oct	6-Nov	GM3WOJ GM4YXI 160-10m SSB CW
Bhutan	A52SJ	26-Oct	26-Oct	N6SJ 160m CW
Cyprus Bases	ZC4MK	27-Oct	31-Oct	G0KOM 40-10m SSB
Liberia	5L3BI	31-Oct	4-Nov	EL3BG EL3DT EI6GM EI9FB MM0NDX CHF CW SSB
East Timor	4W/OZ1AA	31-Oct	4-Nov	OZ1AA 40-10m CW FT8
Mellish Reef	VK9MA	3-Nov	16-Nov	N7QT SM5AQD DL3DXX LB8DC N9ADG SM1ALH SM5GLC W5XU WJ2O 160-10m SSB CW RTTY
Mauritius	3B8HC	4-Nov	8-Nov	HB9ARY 80 20 17 15 12m CW SSB
Burundi	9U4M	6-Nov	20-Nov	IZ8CCW I2VGW plus team 160-10m SSB CW RTTY FT8
Nauru	C21	8-Nov	14-Nov	JA8VE (C21VE), JA1JQY (C21JY), JA3MCA (C21MA) 80-10m CW SSB RTTY
Guinea Bissau	J5T	13-Nov	26-Nov	I1HJT I2YSB IK2CIO IK2CKR IK2DIA IK2HKT IK2RZP 160-10m CW SSB RTTY
Vanuatu	YJ0JA	15-Nov	20-Nov	JA1VND 160-10 CW SSB RTTY
St. Barthelemy	TO2SP	16-Nov	30-Nov	SP3CYY SP3GEM SP6EQZ SP6IXF SP6JIU K1CC 160-10m CW SSB RTTY
Ghana	9G5W	20-Nov	29-Nov	S54W S59A S57UN S57GM S57SU S59ZZ OZ7AM; 160-10m, focus on low bands; CW SSB RTTY
Uganda	5X1NH	20-Nov	30-Nov	G3RWF HF
Seychelles	S79K	22-Nov	29-Nov	G4UXM 160-10m CW SSB
Mariana I	AH0K	23-Nov	28-Nov	BA1RB BG9XD JE1CKA OH6RX OH7WV WX8C HF
Rodriguez I	3B9HA	23-Nov	12-Dec	G0CKV
Cape Verde	D4P	25-Nov	26-Nov	HA5PP
Galapagos I	HC8LU	29-Nov	7-Dec	LU8YD LU3YK LU5FF LU7VB LU7YS LU9VEA 160-6m SSB Digi





# CQWW 2017 SSB Announced Activity

CQWW SSB 2017

Call	CQWW	CQZ	Class	Call	CQWW	CQZ	Class	Call	CQWW	CQZ	Class
3V8SS	Tunisia	33	M/S	CN2AA	Morocco	33	M/S	PJ2T	Curacao	9	M/S
3XY4D	Guinea	35	M/?	CR5SSB	Portugal	14	M/S	PJ4G	Bonaire	9	M/?
4L2M	Georgia	21	SOSB 20M	CR3Z	Madeira	33	M/S	PJ4K	Bonaire	9	M/2
4L0A	Georgia	21	SOAB	D4C	Cape Verde Is	35	SOSB 20M	PJ4Q	Bonaire	9	M/2
4S7AYG	Sri Lanka	22	M/S	D4P	Cape Verde Is	35	SO	PS2T	Brazil	11	SOAB HP
4S7KLG	Sri Lanka	22	SOAB HP	D4Z	Cape Verde Is	35	SOSB 15M	PX2A	Brazil	11	M/2
4S7BHG	Sri Lanka	22		DA0WRTC	Germany	14	M/S	PZ5K	Surinam	9	M/?
4W/OZ1AA	Timor Leste	28	SOAB	DL/4X1DX	Germany	14	M/?	SI9AM	Sweden	14	M/?
5X8C	Uganda	37	SO	E44WE	Palestine	20	SOSB 15M	T8ED	Palau	27	SOAB
5Z4/LZ4NM	Kenya	37	SOAB	ED7R	Spain	14	SOAB LP	TF3CW	Iceland	40	SOSB 40M
6Y1LZ	Jamaica	8	M/?	ED8W	Canary Is	33	SOSB	TF3JB	Iceland	40	SOSB 80M
6Y4V	Jamaica	8	M/2	EE5T	Spain	14	M/?	TK9R	Corsica	15	SOAB
8P50B	Barbados	9	SOSB 20M	EF7T	Spain	14	M/S	TO5A	Martinique	8	M/2
8P5A	Barbados	9	SOAB HP	EF9R	Ceuta & Melilla	33	SO	V26B	Antigua & Barbuda	8	M/M
9K2HN	Kuwait	21	M/S	ES9C	Estonia	15	M/2	V31VP	Belize	7	SOAB HP
9K2K	Kuwait	21	SOAB	FG4KH	Guadeloupe	8		V47JA	St Kitts & Nevis	8	SOAB
9Y4D	Trinidad & Tobago	9	SOSB 15M	FY5KE	French Guiana	9	M/S	V51/TA1HZ	Namibia	38	SO
9Y4W	Trinidad & Tobago	9	M/S	GJ2A	Jersey	14	M/2	VA2ZM	Canada	2	M/S
A25A	Botswana	38		GU3HFN	Guernsey	14	SOAB LP	VE2IDX	Canada	2	SOAB
A31MM	Tonga	32	SOAB	HB0/DL5YM	Liechtenstein	14		VK9CZ	Cocos Keeling	29	M/2
A44A	Oman	21	M/M	HC0E	Ecuador	10	M/M	VP2MDG	Montserrat	8	M/S
A5A	Bhutan	22	M/?	IO5O	Italy	15	M/S	VP5W	Turks & Caicos	8	M/?
AC2AI/KH2	Guam	27	SOAB	J68GD	St Lucia	8		VR2FUN	Hong Kong	24	M/S
AH2R	Guam	27	M/?	JT5DX	Mongolia	23	M/2	VY0ERC	Canada	2	M/?
AH0K	Mariana Is	27	M/2	KH7CW	Hawaii	31	M/S	YB0NDT	Indonesia	28	SOSB 15M
B9K	China	23	M/2	KH7M	Hawaii	31	SOAB	YE2A	Indonesia	28	M/?
BM0DX	China	23	M/S	MM1E	Scotland	14	SOAB LP	ZB2TT	Gibraltar	14	SOAB LP
BV2A/3	Taiwan	24	M/?	OF5Z	Finland	15	M/S	ZC4MK	Cyprus SBA	20	
BW/JL3RDC	Taiwan	24	SOAB LP	OH0X	Aland Is	15	SOAB HP	ZF2ZE	Cayman Is	8	SO
BW/JN3MXT	Taiwan	24	SOAB LP	OP4K	Belgium	14	M/?	ZF9CW	Cayman Is	8	SOAB
BW/JP3PZG	Taiwan	24	SOAB LP	P40T	Aruba	9	SOAB HP	ZM4T	New Zealand	32	M/2
C4A	Cyprus	20	M/2	P40W	Aruba	9	SOAB	ZX5J	Brazil	11	SOAB
C6ARW	Bahamas	8	SOAB LP	P49Y	Aruba	9	SOAB				

# DX Standings

Rick, W6ENZ, has re-joined our ranks. Welcome back!

Red represents members who have all current entities (#1 Honor Roll)

Blue Represents members who have 330 entities or above (Honor Roll).

Black is everyone else.

[N6RV@SCDXC.org](mailto:N6RV@SCDXC.org)

## SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

<b>M</b>	<b>Mixed</b>
<b>P</b>	<b>Phone</b>
<b>C</b>	<b>CW</b>
<b>R</b>	<b>RTTY</b>
<b>5</b>	<b>5 Band</b>

The first DXCC column is the confirmed entity count with deleted countries. The second column is the confirmed current entity count. The third column is the challenge slots.

The members highlighted in **Red** are at the top of the Honor Roll. Those in **Blue** are on the Honor Roll

## SCDXC Southern California Members Standings 2017

Rank	Call	Total	Current	Slots	Rank	Call	Total	Current	Slots
1	W6KH	388	339		54	AC6DX	319	317	1861
2	K6YRA	377	339	2272	55	AK6I	316		
3	K6EXO	370	332		56	N6YQ	315		
4	N6UC	366	339		57	KC6T	314		
5	K6YUI	365	339	2590	58	N6GP	314	286	1583
6	W6BCQ	365	339	1522	59	N6VNI	309	306	1452
7	NS6C	360	339	2456	60	W6HB	306	307	1445
8	K6SMF	360	337		61	NK6A	303	297	957
9	W6HT	358	339		62	K6IRD	294	292	649
10	W6SR	358	339	2799	63	N6UOZ	280		
11	WA6WZO	357	339		64	KT6LA	278	276	1027
12	K6FG	356	339	2744	65	WA6WXD	274		
13	K8RD	356	339		66	K6VC	259		
14	K6GXO	355	339	2624	67	NC6B	251	251	1015
15	N6RV	355	338	1973	68	N6VOH	243		
16	W6IRD	354	337		69	W6DOE	242		
17	K5KT	353	339		70	K6SS	241	255	882
18	N6QQ	353	337	2164	71	W6LEN	236	216	771
19	W6TJI	353	335		72	KN6VF	233		
20	N7NR	352		1123	73	N6HE	228		
21	W8DX	352	339	2517	74	KQ6K	224		
22	W6OU	352	333	1570	75	N6AA	222		
23	W6TK	350	339	1781	76	K6JEY	220		
24	W6YOO	349	338	2129	77	K6AWB	219		
25	N6AWD	349	337	1466	78	W6WVW	210		
26	N6HC	348	339	2254	79	W6JEA	195		
27	W6KK	348	339	1747	80	W6KC	195	194	528
28	WA5VGI	348	339	2687	81	K6DDJ	188	185	452
29	W6VX	348	338	2742	82	K6QU	172	172	
30	W6ENZ	348	338	2355	83	KF6I	143		
31	N6HY	345	336	2424	84	KB6CIO	167		
32	N6WS	348	336	1862	85	K7LA	160	160	355
33	A6Z	348	335	2145	86	W6QE	149	149	224
34	N6IC	347	336		87	AB9A	141		
35	KR6C	344	338	1956	88	KK6FJQ	139	139	142
36	K6LPO	344	221	1236	89	N6CA	133	133	
37	N6PE	343	331	1251	90	K6MKL	126	126	185
38	N6PEQ	341	334	1793	91	K6DSW	122	122	268
39	KM6HB	341	334	1852	92	KC6TOD	120		
40	W6ZPL	338	335	1367	93	AD6LV	118		
41	N6XT	337	330		94	N6RU	118	118	218
42	K6RO	336	331	1531	95	N6BFB	117	117	301
43	W6SW	336	318	501	96	N6PM	114	113	243
44	W6FL	335			97	KA6D	107		
45	K2IXQ	335	331	1694	98	N6LL	105		
46	N6MXU	332	329	1216	99	W6DAW	105		
47	K6SY	332	322	1037	100	K6BBC	103		
48	KØOK	329	327	1728	101	N6HD	101		
49	AB6CF	328		1404	102	NQ6L	101		
50	N6AX	325			103	WA6MEM	100		
51	K6JW	325	319	1057	104	NE6V	87	87	150
52	AA6PW	320		1559	105	KK6ABZ	13	13	23
53	N6NPG	319			106				

## SCDXC Member at Large Standings 2017

Rank	Call	Total	Current	Slots	Rank	Call	Total	Current	Slots
1	K6KII	387	339		9	K6ND	347	339	2491
2	JA1BK	382	339	3094	10	SM5GMZ	343	333	2180
3	OH2BH	377	339		11	K7ACZ	341	324	1746
4	ON4UN	371	339	1969	12	W6DR	323	318	1365
5	DJ9ZB	365	339	2653	13	N6DHz	295	289	1053
6	K6IPV	362	334	1711	14	W3SE/ZL3TE	293	291	1382
7	N4XX	358	339	1598	15	K7MY	267	265	831
8	KC6X	349	335	1987					

## WAZ Standings

Call	10B / 5B	Awards
K6ND	378 / 200	M/5
W6SR	369 / 200	M/P/C/I/5
K6FG	365 / 198	M/P/C/R/5
WA5VGI	358 / 200	M/P/C/5
W8DX	357 / 200	M/5
EU7SA	357 / 200	M/5
N6AW	355 / 200	M/P/C/5
NS6C	345 / 200	
K6YRA	337 / 200	P/5
K6YUI	337 / 200	M/P/C/R/5
WD6L	248 / 200	M/P/5
N6OU	220 / 200	M/5
K6UNR	/ 200	M/P/5
W6VX	352 / 199	
K6GXO	358 / 198	M
W6ENZ	347 / 197	
SM5GMZ	345 / 196	M/P/C
N6MXU	155 / 193	
K2PLF	191 / 191	
N6RV	302 / 187	M/P/C
KC6X	294 / 187	M/P/C/5
N6QQ	325 / 186	M/P/C/R
K6LD	314 / 186	M/P/C
W6YOO	308 / 185	M/P/C/5
KH6DX/m	210 / 184	
KH6MB	304 / 179	5
KØOK	286 / 173	
K6SY	246 / 173	P
W6ZPL	237 / 173	M/P
KJ6Y	261 / 172	
KR6C	295 / 171	M/C
AD6KQ	226 / 164	
N6DHz	214 / 160	P
K6KII	191 / 177	M
W6DR	227 / 159	
NK6A	152 / 152	M/5
W6NRQ	180 / 147	M/P
WA6BOB	152 / 136	M
W6IRD	151 / 111	M/P
W5DQ	161 / 122	
K6IRD	154 / 126	M/P
WB6PSY	139 / 140	P
KT6LA	132 / 103	
N6HE	130 / 138	
W3SE	102 / 112	
K6IRA	118 / 102	
K6VC	96 / 96	P
W6EA	92 / 86	
N6UC	78 / 78	M
KA6TTV	82 / 67	
N6VNI	86 / 64	
N6RRY	74 / 64	
N6GIL	49 / 43	
W6DCK	40 / 40	P
K6JW	40 / 40	M/P
K6YR	39 / 39	
W6DOE	37 / 37	
NZ6L	36 / 36	
W4EF	29 /	
N6AWD		M
N6HC		M/P/C
KB6KTV		P
W6OES		M
K8RD		C

# 2017 Get Schroeder Contest

2017 Get Schroeder Leaders							1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LY	PJ5	SV9	TU	VK9C	VU	YV	
2017 Entities Worked by SCDXC							272	1S	4U1TU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	LZ	PJ7	T2	TY	VK9L	VU4	YV0
2017 ClubLog Leaders							283	3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OA	PY	T30	TZ	VK9M	VU7	Z2
2016 SCDXC Members							282	3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OD	PY0F	T31	UA	VK9N	XE	Z3
2016 SCDXC Leaders (N6QQ / N6WS)							265	3B8	4X	8R	A7	CT	EA9	FO/A	GW	ISO	KH4	OE	PY0S	T32	UA0	VK9W	XF4	Z8
2016 ClubLog Leaders							289	3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH	PY0T	T33	UA2	VK9X	XT	ZA
Rank	Call	Entities	Delta	Missed	-QQ	Uniques	3C	5B	9G	AP	CU	EK	FO/M	H40	J3		OH0	PZ	T5	UJ	VP2E	XU	ZB2	
						8	3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZC4	
1	N6RV	252	7	20	-8	0	3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH7K	OK	S0	T8	UR	VP2V	XX9	ZD7	
2	N6WS	247	8	25	-3	1	3D2/C	5R	9K	BV9P	CY9	ER	FR/G	HB0	J7	KH8	OM	S2	TA	V2	VP5	XX	ZD8	
3	N6QQ	244	6	28	0	1	3D2/R	5T	9L	BY	D2	ES	FR/J	HC	J8	KH8S	ON	S5	TF	V3	VP6	YA	ZD9	
4	NC6B	243	5	29	1	0	3DA	5U	9M2	C2	D4	ET	FR/T	HC8	JA	KH9	OX	S7	TG	V4	VP6/D	YB	ZF	
5	W6TK	243	9	29	1	1	3V	5V7	9M6	C3	D6	EU	FS	HH	JD1/M	KL7	OY	S9	TI	V5	VP8	YI	ZK3	
6	NS6C	205	9	67	39	2	3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP1	OZ	SM	T19	V6	VP8/G	YJ	ZL	
7	A16Z	190	4	82	54	0	3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP2	P2	SP	TJ	V7	VP8/H	YK	ZL7	
8	K7ACZ	189	10	83	55	1	3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP4	P4	ST	TK	V8	VP8/O	YL	ZL8	
9	W6OU	185	9	87	59	0	3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	KP5	P5	SU	TL	VE	VP8/S	YN	ZL9	
10	WA5VGI	159	4	113	85	0	4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LA	PA	SV	TN	VK	VP9	YO	ZP	
11	KK6FJQ	140	8	132	104	0	4L	7Q	9Y	CE0Y	E5/S	FH	G	HP	K	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZS	
12	N6HY	134	0	138	110	1	40	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS8	
13	NE6V	134	1	138	110	0																		
14	SM5GMZ	134	30	138	110	0																		
15	N6PM	122	4	150	122	0																		
16	W6SR	122	5	150	122	0																		
17	W6ENZ	118	82	154	126	0																		
18	K6FG	107	3	165	137	0																		
19	ZL3TE	105	25	167	139	0																		

SCDXC Get Schroeder Standings 2017															Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	Yrs
1	N6RV	0	0	0	177	124	213	140	112	37	34	17	252	854	49															
2	N6WS	12	62	8	174	121	205	174	132	46	49	7	247	990	53															
3	N6QQ	0	22	0	168	110	223	145	119	38	43	9	244	877	60															
4	NC6B	27	60	0	163	105	201	132	100	25	23	6	243	842	3															
5	W6TK	14	51	0	166	82	208	147	112	16	30	3	243	829	60															
6	NS6C	20	40	0	92	43	112	42	21	8	5	1	205	384	60															
7	A16Z	1	34	0	101	17	151	21	62	4	15	0	190	406	24															
8	K7ACZ	11	45	0	107	29	156	47	72	4	14	0	189	485	48															
9	W6OU	5	35	0	74	43	114	44	21	13	8	7	185	364	54															
10	WA5VGI	22	13	0	65	23	124	8	47	0	4	0	159	306	33															
11	KK6FJQ	0	0	0	41	13	98	24	24	2	1	1	140	203	4															
12	N6HY	11	31	0	86	39	68	38	19	0	2	4	134	298	64															
13	NE6V	31	50	0	62	0	45	43	31	9	13	0	134	284	21															
14	SM5GMZ	11	41	0	45	39	55	54	25	6	2	0	134	278	48															
15	N6PM	0	1	0	56	28	90	56	60	10	20	3	122	324	23															
16	W6SR	19	32	0	52	3	100	2	73	0	22	15	122	318	50															
17	W6ENZ	27	22	0	40	23	38	54	15	3	4	0	118	226	50															
18	K6FG	6	28	0	56	12	54	36	37	2	2	12	107	245	61															
19	ZL3TE	1	12	0	91	7	30	24	49	5	10	0	105	229	13															
20	N6GP	0	8	0	15	0	72	0	53	0	23	5	96	176	28															
21	K6QU	0	24	0	56	27	41	16	9	2	4	0	95	179	3															
22	NK6A	0	0	0	28	0	75	3	52	0	16	0	91	174	72															
23	N6VNI	0	22	0	43	3	41	15	12	0	0	0	87	136	28															
24	W6LEN	1	12	0	34	21	43	24	13	2	6	1	82	157	38															
25	AC6DX	0	33	0	61	0	43	2	42	0	22	2	81	205	10															
26	KM6HB	5	12	0	43	19	34	21	16	4	5	3	77	162	26															
27	N6DBF	0	2	6	47	7	38	27	24	1	4	4	77	160	31															
28	KR6C	0	3	0	32	15	34	15	6	2	0	0	77	107	39															
29	W6QE	0	0	0	4	0	61	4	28	1	2	0	73	100	23															
30	WZ6D	0	1	0	28	10	37	4	23	2	0	0	66	105	1															
31	W6KC	0	24	0	50	0	40	0	43	1	15	0	65	173	20															
32	N6HE	3	3	0	9	13	40	13	22	2	4	0	55	109	39															
33	AA6VX	0	1	0	19	1	43	1	20	0	0	2	53	87	14															
34	K6DDJ	0	1	0	13	7	20	18	13	0	2	0	51	74	22															
35	WB6DJ	0	0	0	2	4	26	21	7	0	0	2	42	62	4															
36	W6DR	0	3	0	20	4	16	1	14	1	2	2	36	63	37															
37	KT6LA	0	0	0	9	0	28	0	8	0	0	0	34	45	11															
38	N6RU	0	0	0	0	0	28	5	1	0	1	0	29	35	11															
39	N6AX	0	5	0	14	9	6	7	2	0	0	0	28	43	48															
40	W6SW	0	0	0	0	0	12	4	1	0	0	0	13	17	38															
41	K7MY	0	1	0	1	0	5	0	9	0	1	0	10	17	40															
42	K6YUI	0	0	0	0	1	1	2	0	0	0	0	4	4	60															

It looks like it will be a great Fall season. Altogether the top runners have increased their standings by 4-9 entities! Who says there is no DX on! Welcome to Rich, AA6VX who now is on ClubLog and in the list!

This month SCDXC members worked 8 new entities bringing the total club standings to 271. That is still 11 away from last years total. Based on the latest estimate we may hit 279.

The SCDXC leaders are still holding on to several top North American spots with the top 5 above 240 entities! The leader is still 13 entities behind last years numbers. Hopefully the CQWW DX contests will help close the gap.

This month a few ClubLog leaders claimed FT5/MM Kerguelen reducing their count by 1. At this time there are 3 claimed entities that have not been on the air.

**3C 3C0 5X R1F**



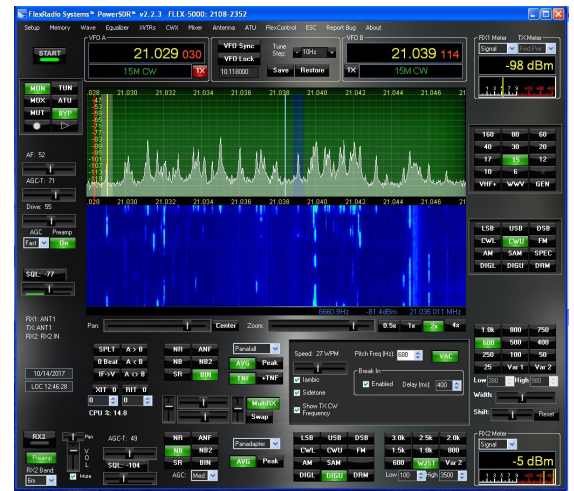


## 3C0L ANNOBON ISLAND

Last month Annobon Island was well represented. In fact many Southern California stations logged them on 10 - 160 meters. Were you one of them?

The DXpedition conducted by Yuri, YL2GM, and Kaspars, YL3AIW, started first in Equatorial Guinea on October 10<sup>th</sup>. They migrated to Annobon on October 11<sup>th</sup> but did not receive permission to operate until October 13<sup>th</sup>. The team was beset with issues such as water and power. The heat is scorching! They ran on generators for a while and could not run the amplifiers. Furthermore one transceiver and power supply failed. The second K3 failed but they managed to get it running. The DXpedition ran into overtime as the return flight was cancelled. They packed up their stations and left on October 23<sup>rd</sup> arriving back in Equatorial Guinea for a short stint.

The pile ups were 15 to 20 KHz wide with almost constant calling. For the most part the QSB on the signal had been so rapid that a complete exchange disappeared. That along with the incessant QRMing made 3C0L very hard to copy. The team commented that if you cannot hear them don't call however it was the QSB and QRM that added to the fray.



The QSO rate for these two seasoned Dxpediton veterans was very high. They even operated SSB! On CW 35 to 40 WPM was not uncommon. To date their ClubLog log has not been uploaded so no stats are available. Nevertheless, at the end of the operation they have 30,000 QSOs in the log. That's not bad for two operators. The early statistics the team quoted indicates a fairly uniform distribution of contacts across the bands.

The team brought two complete stations including amplifiers:

**Transceivers:** 2x Elecraft K3

**Power amplifiers:** SPE Expert 1.3K-FA, Juma PA1000

**Antennas:**

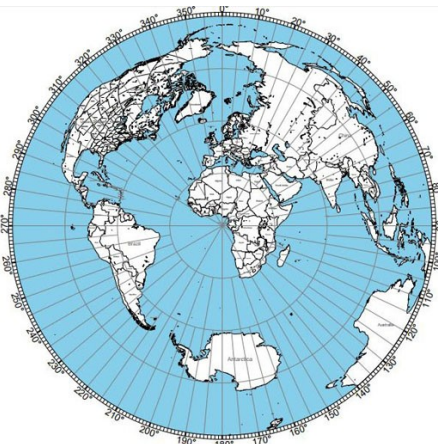
160/80/40/30m bands - 18m high Vertical with capacity hat  
Beverages for RX

20-10m bands - Folding antenna, Vertical

### QSO statistics so far:

Band	CW	SSB	
160	1,267		
80	1,384		
40	2,111		
30	1,114		
20	2,640	411	
17	2,678	1,014	
15	3,526	1,194	
12	1,232	772	
10	48		
<b>Total</b>	<b>16,000</b>	<b>3,391</b>	<b>19,391</b>

### Earlier Statistics





### Equatorial Guinea

Annobón is a province of Equatorial Guinea in the Gulf of Guinea and Atlantic Ocean's Cameroon line. The capital of Equatorial Guinea, Malabo, is actually on the island of Bioko, not on the mainland. The provincial capital of Annobon is San Antonio de Palé. There is no regular shipping from Equatorial Guinea, and ships arrive typically every few months. Flights are infrequent and unreliable.

### Equatorial Guinea Facts

**Location:** Western Africa between Cameroon and Gabon

**Geographic coordinates:** 2 00 N, 10 00 E

**Land:** 28,051 sq km (11.00 sq mi)

**Area - comparative:** slightly smaller than Maryland

Among the smallest countries on the African continent

**Land boundaries: total:** 539 km

**Mainland:** Rio Muni

**Islands:** Bioko, Corisco, Annobon, Elobey Chico, Elobey Grande

**Provinces:** (8) Annobon, Bioko Norte, Bioko Sur, Centro Sur, Djibloho, Kie-Ntem, Litoral, Monogomo

**Climate:** tropical; always hot, humid

**Terrain:** coastal plains rise to interior hills; islands are volcanic

**Population:** 1,221,490

**Ethnicity:** 1.7% Fang, 6.5% Bubi, 3.6% Ndowe, 1.6% Annobon, 1.1% Bujeba (Kwasio), 5.4% Igbo and others

**Language:** Spanish, Portuguese, French, and Creole

**Regional Dialects:** Fang, Bube, Come, Annobonesse

**Independence:** 1968 (Spain)

**Government:** Republic / Constitutional Democracy

**President:** Teodoro Obiang Ngueman Mbasosog since 1979

**Capital:** Malabo on the island of Bioko

**Natural resources:** petroleum (largest Sub-Saharan reserve), natural gas, timber, gold, bauxite, diamonds, tantalum, sand and gravel, clay

Bioko Island was discovered in 1472 by Fernao do Po. The island was first called Formosa meaning beautiful. The island and the region became a Portuguese colony in 1474. It was traded to Spain for territory in the Americas in 1778. The territory had a long standing history as a source of slaves. Spain attempted to wrest the slave trade from England in 1778. In 1772 slavery was outlawed in England. It was not until 1833 that parliament passed the Abolition of Slavery Act. In 1827 England rented harbors in the region and placed a base on Bioko Island to curb the trade. Eventually the base moved to Sierra Leone.

Insufficient labor was the primary cause of slow economic growth. Over the years several laborers from various parts of the Spanish empire were moved to the region. It was not until after WWII that the region developed productive agricultural.

In 1968 Spain granted the territory independence and the region became the Republic of Equatorial Guinea. Francisco Macías Nguema was elected president in July 1970. He declared himself president for life in 1972. He made close relations with China, Cuba, and the USSR. In trade for fish the Soviets were allowed to establish a naval base in Luba. From there they supported the communist overthrow of Angola. China and Cuba provided financial and military "aid".

In 1979 Teodoro Obiang, the nephew of Macías Nguema, overthrew the government in a very bloody coupe. Macías was tried for genocide, found guilty, and executed. Obiang, though claiming to be freely elected, has been the dictator ever since. To this day it is ranked among the worst of the worst in political and civil rights violations including human trafficking and torture.

Attempts to overthrow Obiang's regime have failed. In 1995 Exxon discovered oil in the region and the economy took off. In spite of that the citizens are among the poorest in the world with all the profits going to the elite. In 2004 a coupe financed by Margaret Thatcher's son, Mark Thatcher, failed and landed the insurgents in prison. After no substantial evidence was found they were released. It was said that MI6, the CIA, and the Spanish FIS were also involved.

In 2004 US senate investigations into wrongdoing by Exxon Mobil and the Hess corporation found that huge payments were made to the Obiang family in exchange for mineral rights. In 2006 Obiang entered into a MOU with USAID to curb poverty. Obiang also signed a decree to end torture however human rights abuses continue to this day.

In recent days, with the large influx of oil revenues, and with the help of USAID the national infrastructure is being upgraded. Over 80% of the roads are now asphalt. Education is also on the upswing. The recently formed public school system has raised the literacy rate from 17% to 87%. The new university has produced 110 national doctors. It is predicted that soon Guinea will be medically self-sufficient. Hopefully more of the oil revenues will make its way to the population. The increase in jobs alone has significantly raised the countries economy.



# The Marconi Museum

## A trip back to 1895

By Don Minkoff  
NK6A

Traveling back in time to 1895 was just one day of our agenda for our recent 21 day trip to Italy. I visited the Marconi Museum near Bologna, the Fondazione Guglielmo Marconi, the birthplace of radio communications.

Guglielmo Marconi was the father of radio. It was a humbling experience visiting this museum, the exact spot where the first experiments took place and the first successful transmission of wireless was received.

Once the residence of the Marconi family, Villa Griffone is an 18<sup>th</sup> century villa, where teenager Guglielmo Marconi carried out his first experiments in wireless communications.

Fabio, IZ4AFW, arranged a personal tour for my XYL, Sheila, and me. I4YCE, Adriano, conducted the tour. His knowledge and passion for explaining all the early experiments, with the working models of those projects, were quite evident in our 2.5 hour tour.

The first transmission of a wireless signal took place on a hill 1.5 miles from the house. The original pole from that antenna still stands today. Early frequencies used were 50 KHz, 45 and later 272Khz. By 1897 Marconi was able to transmit a distance of 12 miles and eventually across the English Channel (21 miles) by 1899. In 1901 a successful trans-Atlantic test of more than 2100 miles was achieved.

The early receivers used by Marconi consisted of various forms of a coherer receiver. Many examples were on display and working to receive AM broadcast signals at 500 KHz.



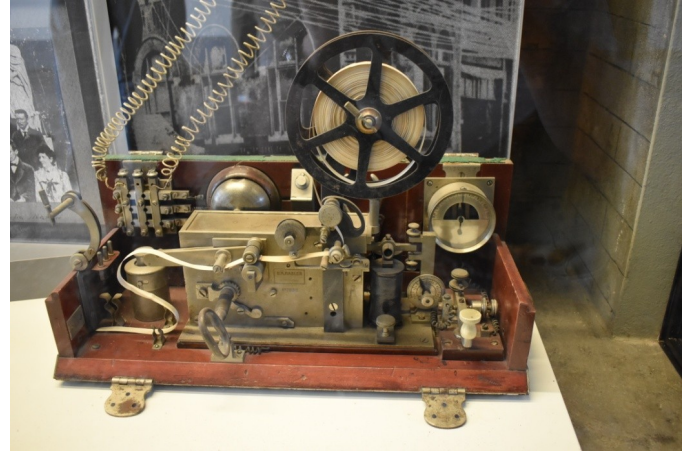
Don I/NK6A, Fabio IZ4AFW, Adriano I4YCE



Reconstructions of early experiments and working exhibits of scientific apparatuses used during the 19<sup>th</sup> century were on exhibit. The history of electricity, the importance of Hertzian waves and the early experiments with vacuum tubes were on display.



The antenna support used in 1895



Morse to tape



Early coherer receiver



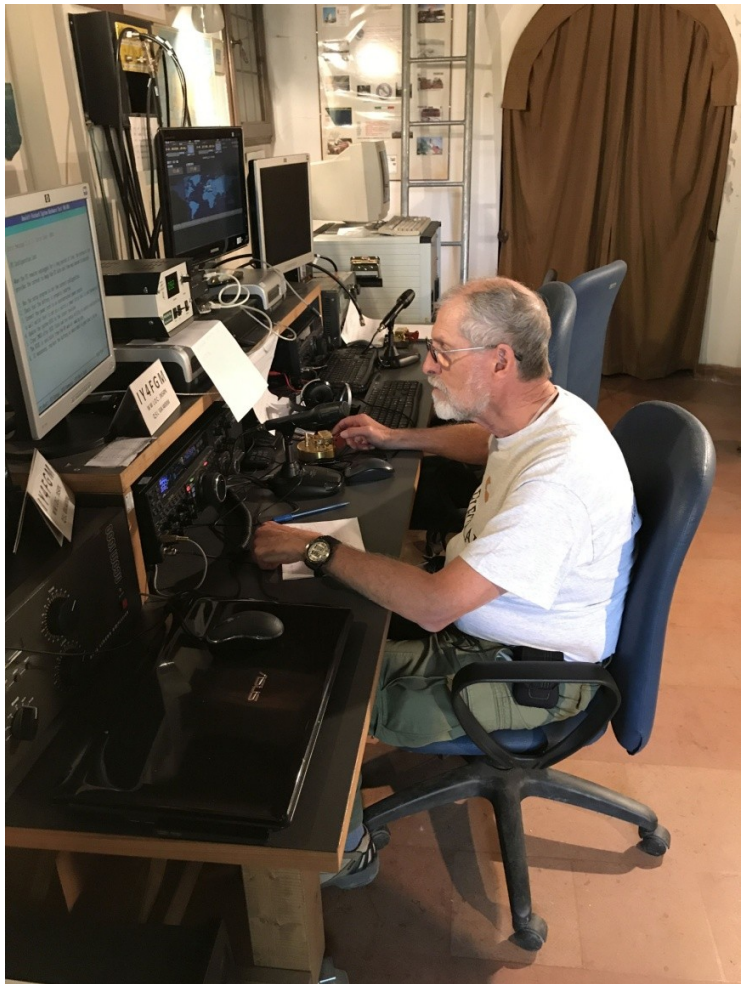
Model of very first spark gap transmitter used in 1895



The Marconi museum hosts the G Marconi Memorial Station, IY4FGM. It is located on the grounds inside the former family chapel. I had the good fortune to operate for a bit and quickly made two contacts on CW. I would have liked to set up my KX2 and operate from the very hill where the first transmission took place, but unfortunately we were in a hurry to return our rental car and catch a train to Venice.



Antennas used at IY4FGM



Operating the FT2000 at IY4FGM

No vacation trip for me would be complete without taking my portable KX2 with me and operating from our various hotels and B&B's. I operated from Florence, Tuscany area, Levanto, Modena and Venice. Our B&B in Venice had a nice balcony overlooking a small canal, but it made setting up my antenna very risky for falling into the canal below. We had three B&Bs that had nice outdoor gardens or patios right outside our door--perfect for putting up my HFp vertical or 26 ft long wire. Our room in Modena had very tall ceilings and a large window. No chance to operate outside; however, I was able to put up the antenna inside by the window, counterpoise inside the room and had a nice Q with SV8ANW, Jim. He was running 100W. I was running 8W. I was 579.

I also demonstrated my little rig to our hosts and two neighbor kids near Lucca and switched to SSB for a contact with Greece on 20M. I had to use the built-in mic as I did not bring a mic with me.

I operated on 20, 40 and 30M. Most of my operating was in the late afternoon after touring the cities and towns.

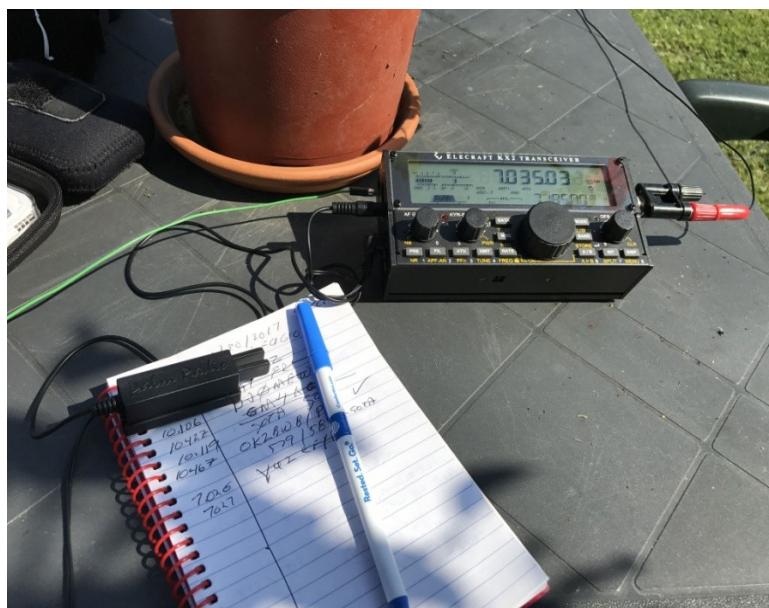




Operating from Al Teatro B&B (500 years old)



HFp antenna setup in Venice



Operating from Il Rifugio B&B near Lucca





## TID BITS

### An Early Holiday Surprise, K6QU

With my first and only DXCC certificate issued in 1968 and a major hunk of the middle of my life absent from ham radio, I have little idea what entities I worked back in those tube days - let alone what I submitted back then to get the certificate. The great bulk of my QSL cards haven't survived nearly a half-century of multiple cross-country, trans-oceanic and international moves, nor has the paperwork associated with that original application.

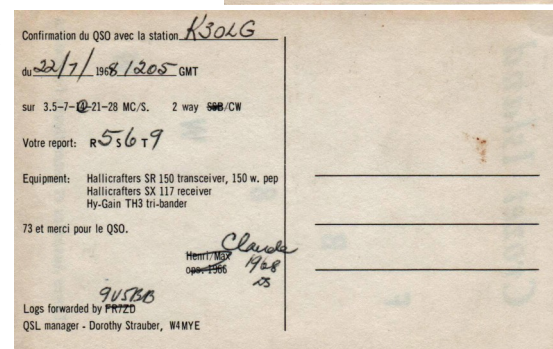
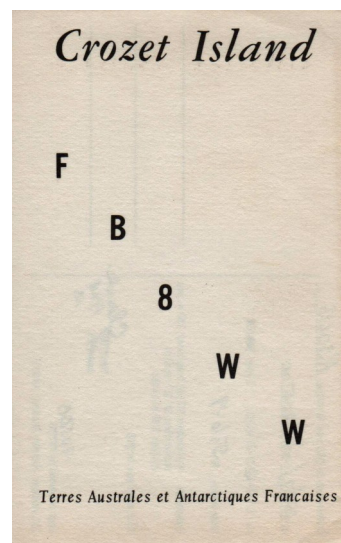
No matter, I'm a fat and happy DXer, knowing that except for VK0TH / Macquarie and the upcoming Baker / Howland and Bouvet DXpeditions, chances are slim that I'll ever have another card from that elusive top-ten most wanted list.

"Holy Crap!" I screamed to myself when I got to the bottom of a box I recently found from "the old days." There, buried under old check registers, bank statements, receipts, long-expired drivers licenses and a few QSL cards from my novice days was a QSL from FB8WW, Crozet Island, the number 3 most wanted!

Ok, I can't say that my life is now complete. But as far as the top ten is concerned, it's now ten percent better! I'll take that.

Merry Christmas, Happy Chanukah and 73 from

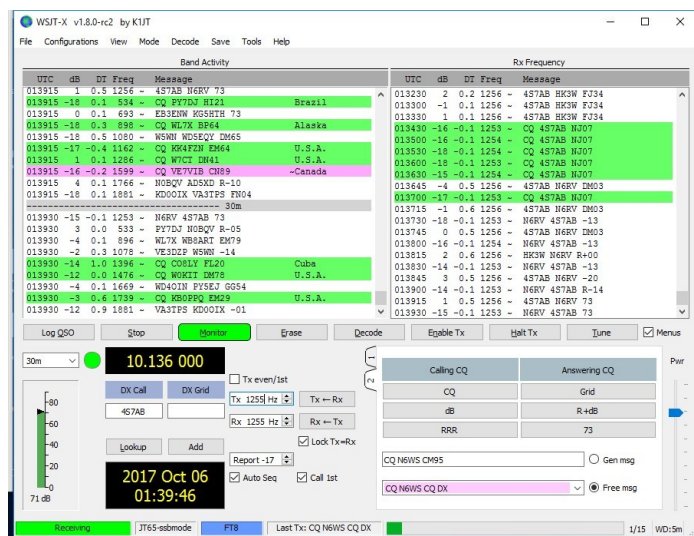
Jerry, K6QU



### The Nipomo Advantage, N6RV

So everyday the Guys Up North (GUNS) (N6WS, NC6B, W6TK, W6SL, AA6VX, and KI6QDH) meet on K6DXC DXchat. If you haven't downloaded Mumble you are missing it! At sunrise and sunset propagation has been phenomenal. We actually operate from sunrise well into sunset. Whatever mode the DX is on we are swapping announcements and comparing signals. For several nights, Bill has been copying stations on 40 meter long path. It is pretty frustrating to hear him copy stations that basically don't exist down here in Noiseville. He would play VU7T over mumble who was S9 at his house and S -100 here. One evening 4S7AB was coming through on 40m FT8. Again I heard nothing. Bill suggested an experiment. I would call him here and he would read the decode. It worked! That demonstrated that it was local noise that covered 4S7AB's signal. In fact the report he gave was pretty good considering I am running 50 watts. After all was said and done I had Bill send me a screenshot of the contact.

I swear they the guys up north live in a time warp. While my program is still decoding the FT8 messages they are discussing what they saw on the that transmission. It is a second or so later that I see the decodes they were discussing! In any event it is a lot of fun!



## TID BITS

### For Sale: N6WS, Bill Shell

#### **New - Cushcraft X7 & X740 - \$1,000**

Tribander with log-cell DE, full sized reflectors, and trap director With 40m rotatable dipole add-on element.

Current cost  $\$999.95 + \$369.95 = \$1,369.90$  from Cushcraft

#### **New - Cushcraft XM-240 - \$750**

2 element 40m beam

Current cost \$999.95 from Cushcraft

#### **New - Cushcraft X940 - \$250**

Made to add 40m dipole to Cushcraft X9 beam Similar to Cushcraft D40 Can be used as a stand alone rotatable 40m dipole Current cost ~ \$399.95 from Cushcraft

These antennas can be picked up in Nipomo, CA, or we can meet somewhere in the middle between Nipomo and LA.

### For Sale: K6YRA, Al Friedman

Used 4 element SteppIR 20-6 Up since 2006 With outstanding results! Elements are faded. Replaced with new one.

New Cost: \$3K – Now reduced to \$950

Local Pick Up - L.A area

[K6YRA@SOCAL.RR.COM](mailto:K6YRA@SOCAL.RR.COM)

### For Sale: Alpha 9500 HF Linear Amplifier, SN 005, K6JW

The Alpha 9500 is a full legal limit, microprocessor controlled amplifier that uses a single 8877 tube that can tolerate unlimited, full power key-down operation The amplifier received a partial rebuild with full upgrades overseen by Gordon Hardman, W0RUN and Brad Focken, K0HM co-developers of the amplifier, in 2012. Subsequently, it received an upgrade to current firmware. The amplifier can be fully computer interfaced, if desired, and it can easily accommodate remote access. Included with the amplifier is an extra 8877 tube (worth \$750) and an extra blower, as well as the full, original manual from RF Concepts. The amp is in like new cosmetic condition and runs to spec with no problems. Current service and support, if ever needed, are provided by Alpha RF Systems in Longmont Colorado and by K0HM Electronics, owned by Brad.

Price: \$4250 if picked up locally in Palos Verdes. \$4450 if shipped. No trades; serious inquiries only. The amplifier is currently set up in the shack and available for demonstration to any interested party.

Contact Jeff, K6JW, at

[k6jw@scdxc.org](mailto:k6jw@scdxc.org)

## Resource Page

### Useful DX Sites

N0HR DXpedition Map  
[www.n0hr.com/wk34/](http://www.n0hr.com/wk34/)

The DX Zone  
[www.dxzone.com/catalog/DX\\_Resources/](http://www.dxzone.com/catalog/DX_Resources/)

The Daily DX  
[www.dailydx.com/](http://www.dailydx.com/)

Announced DX Ops  
[www.ng3k.com/misc/adxo.html](http://www.ng3k.com/misc/adxo.html)

DXing.info  
[www.dxing.info/dxpeditions/](http://www.dxing.info/dxpeditions/)

DX 425 News  
[www.425dxn.org/dxped/](http://www.425dxn.org/dxped/)

Dx-info.de  
[www.dx-info.de](http://www.dx-info.de)

DX Italia DX News

## Propagation

### We are Rocking the Bottom!

In spite of the low sunspot numbers the seasonal propagation around and after the autumnal equinox has really spiced things up. 10 and 12 meters have had openings to Africa and Europe. We even saw 6 meter openings to South America and the Caribbean! This is the usual trans-equatorial propagation seen this time of the year.

As you can see... yes we have no bananas! The SFI and the SSN are rocking the bottom and it can only get lower. How low can you go you ask? Well lets see if we get an SFI of 45 or less! You cannot get less than 0 sunspots and we have had many days with 0 sunspots already. When you see the sun flicker know that it is lights out!

### ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

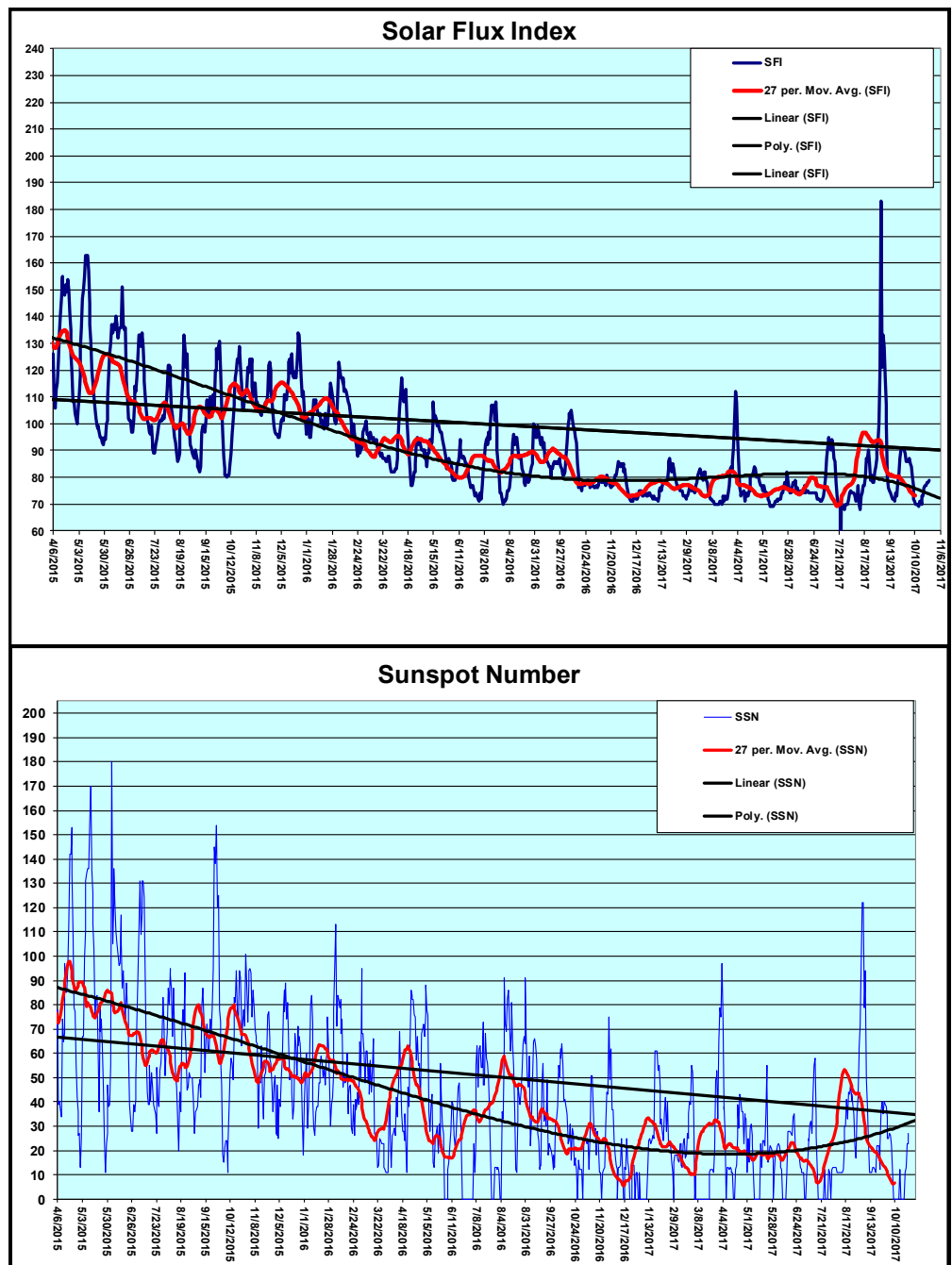
### Club and Conduct Sites

#### Officer Guidelines

[http://www.scdxc.org/download/Officer\\_Guidelines.pdf](http://www.scdxc.org/download/Officer_Guidelines.pdf)

#### DX Code of Conduct

<http://www.dx-code.org/>







Store	E-mail	Direct	Toll Free	Fax
Anaheim	<a href="mailto:ana@hamradio.com">ana@hamradio.com</a>	1-714-533-7373	1-800-854-6046	1-714-533-9485
Burbank	<a href="mailto:bnk@hamradio.com">bnk@hamradio.com</a>	1-818-842-1786	1-800-854-6046	1-818-842-5283
San Diego	<a href="mailto:sd@hamradio.com">sd@hamradio.com</a>	1-858-560-4900	1-800-854-6046	1-858-560-1705

**The DX Store**  
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